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303673 (09) 6258082 July 10, 2001

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6258082

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July 10, 2001

Refractive surgery and presbyopia correction using infrared and ultraviolet lasers

REEXAM-LITIGATE: August 22, 2001 - Reexamination requested Aug. 22, 2001 by Ronald A. Schachar, Presby Corp. and RAS Holding Corp., c/o William A. Munck, Dallas, TX, Reexamination No. 90/006,089 (O.G. Sep. 18, 2001) Ex. Gp.: 3739

REISSUE: July 10, 2003 - Reissue Application filed Ex. Gp.: 3739; Re. S.N. 10/621,105 (O.G. January 24, 2006)

APPL-NO: 303673 (09)

FILED-DATE: May 3, 1999

GRANTED-DATE: July 10, 2001

ASSIGNEE-AFTER-ISSUE: August 31, 2001 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., SURGILIGHT, INC. 12001 SCIENCE DR. STE. 140 ORLANDO FLORIDA 32826, Reel and Frame Number: 12145/0372

January 5, 2005 - SECURITY AGREEMENT, COLLETTE COZEAN & STUART MICELSO, P 12001 SCIENCE DR. SUITE 140 ORLANDO FLORIDA 32826, Reel and Frame Number: 16116/0842

January 10, 2005 - SECURITY INTEREST, KNOBBE, MARTENS, OLSON & BEAR, LLP 2040 MAIN STREET FOURTEENTH STREET IRVINE CALIFORNIA 92614, Reel and Frame Number: 16127/0885

Selected file: PLUSPAT
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**** SS 1: Results 1**
PRT SS 1 MAX 1 LEGALALL

1 / 1 PLUSPAT - @QUESTEL-ORBIT - image

Patent Number :

US6258085 B1 20010710 [US6258085]

Title :

(B1) Electrosurgical return electrode monitor

Patent Assignee :

(B1) SHERWOOD SERV AG (US)

Patent Assignee :

Sherwood Services AG, Schaffhausen [CH]

Inventor(s) :

(B1) EGGLESTON JEFFREY L (US)

Application Nbr :

US31005999 19990511 [1999US-0310059]

Priority Details :

US31005999 19990511 [1999US-0310059]

Intl Patent Class :

(B1) A61B-018/04

IPC Advanced All :

A61B-018/12 [2006-01 A - I R M EP]

IPC Core All :

A61B-018/12 [2006 C - I R M EP]

EPO ECLA Class :

A61B-018/12G6

US Patent Class :

ORIGINAL (O) : 606035000; CROSS-REFERENCE (X) : 606038000 606042000

Document Type :

Corresponding document

Citations :

US3683923; US3913583; US4094320; US4121590; US4303073; US4343308;
US4416276; US4416277; US4437464; US4494541; US4657015; US4658819;
US4741334; US5480399; US5496312; US5695494; US5766165; US5797902;
US5976128; US6053910

Publication Stage :

(B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001

Abstract :

The present disclosure provides a method for determining the probability of a patient burn under a return electrode in a monopolar electrosurgical system comprising calculating a heating factor adjacent the return electrode utilizing a first algorithm, calculating a cooling factor adjacent the return electrode utilizing a second algorithm, subtracting the calculated cooling factor from the calculated heating factor to obtain a difference value, comparing the difference value to a threshold value, and adjusting the power dependent on the relationship of the difference value to the threshold value.

Update Code :

2001-29

1 / 1 LGST - @EPO

Patent Number :

US6258085 B1 20010710 [US6258085]

Application Number :

US31005999 19990511 [1999US-0310059]

Action Taken :

20031209 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20030630
Update Code :
2003-51

1 / 1 CRXX - ©CLAIMS/RRX
Patent Number :
6,258,085 A 20010710 [US6258085]
Patent Assignee :
Sherwood Services AG CH
Actions :
20030630 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20031209
REISSUE REQUEST NUMBER: 10/609946
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3739

Reissue Patent Number:

Session finished: 24 APR 2006 Time 19:35:21
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